

FIG. 1

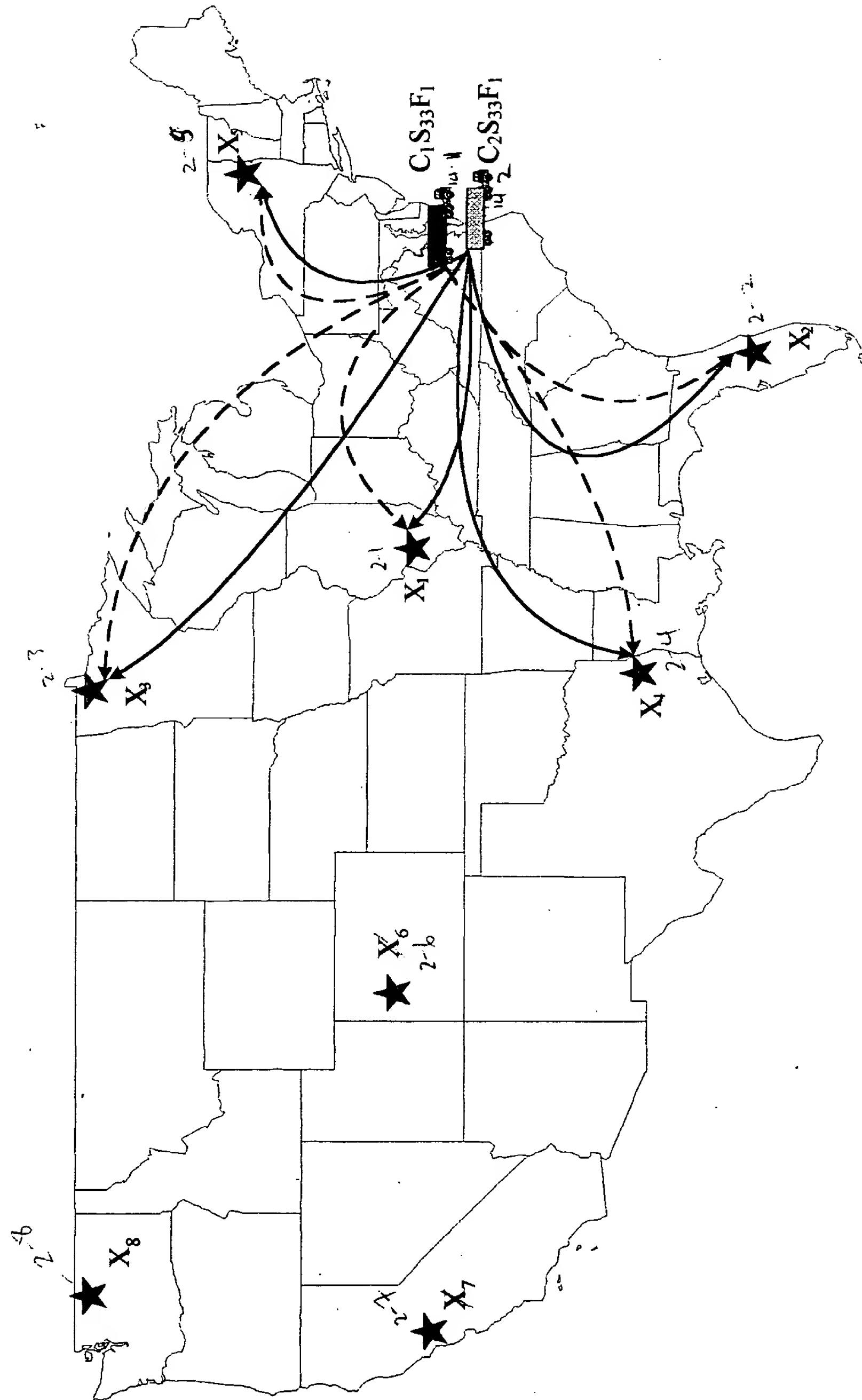


FIG. 2

# Prior Art : Terion Low Rate HF Modulator

Docket/App No.: 2293.2004-000  
 Title: Quasi Orthogonal Hybrid Walsh-PN ...  
 Inventors: Madjid Adam Belkerdid

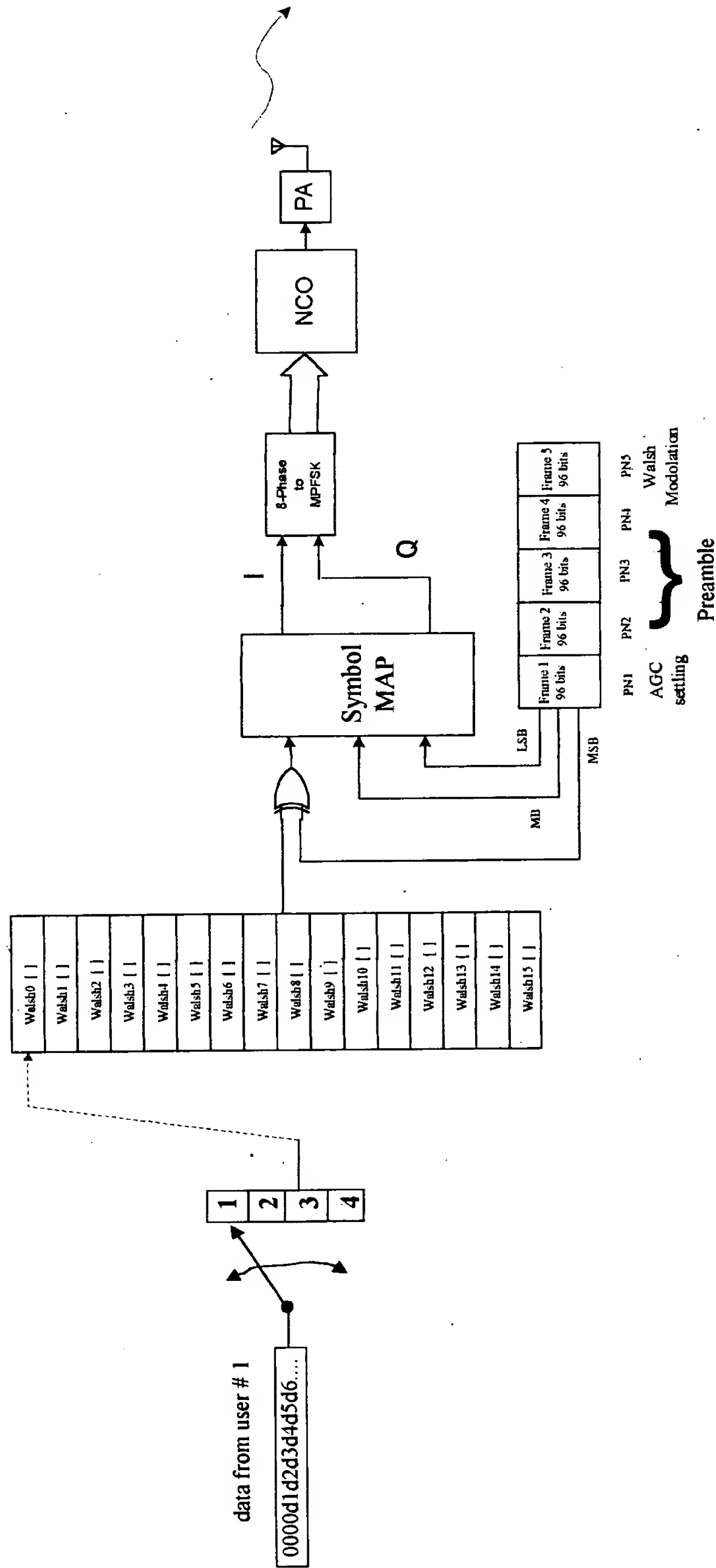


FIG. 3

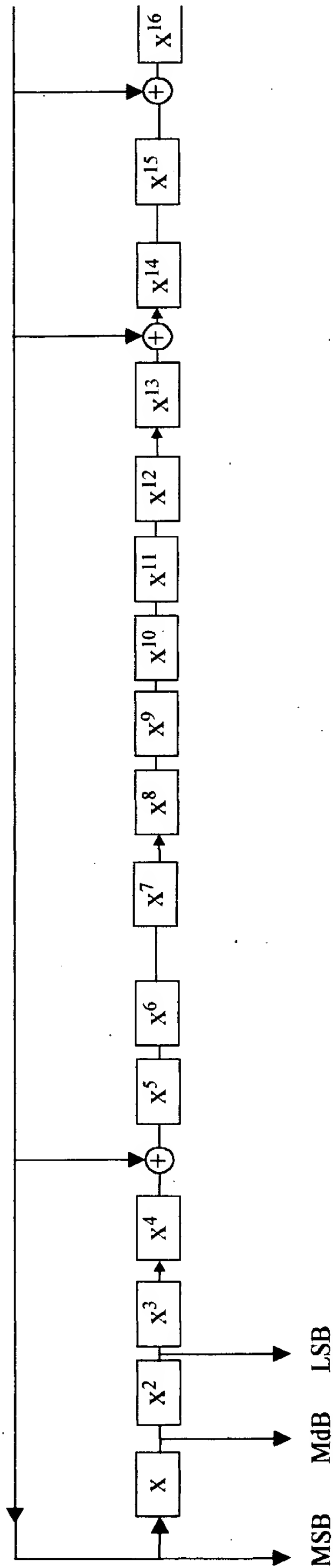


FIG. 4

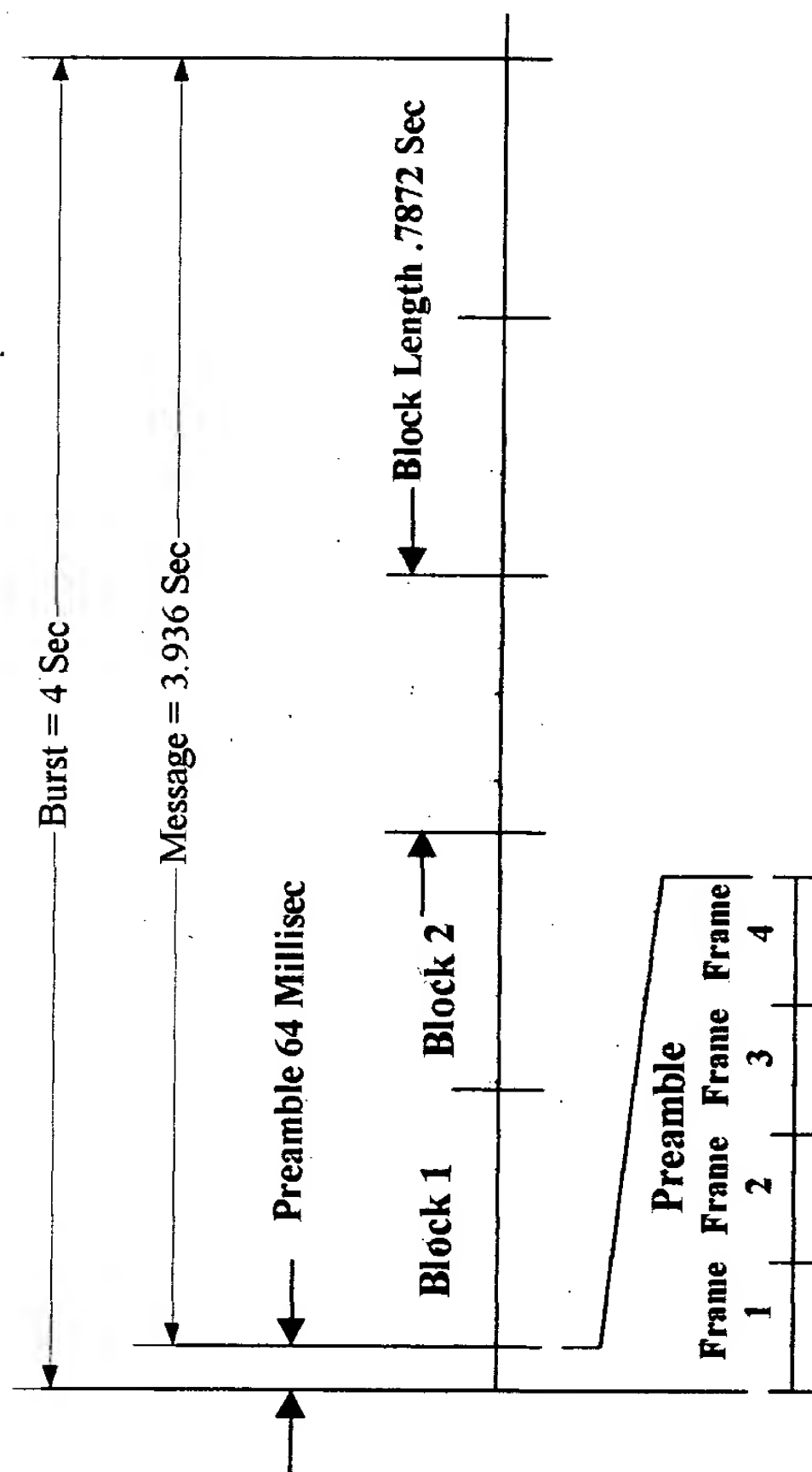


FIG. 5

# New Low Rate HF Modulator Using Orthogonal Codes

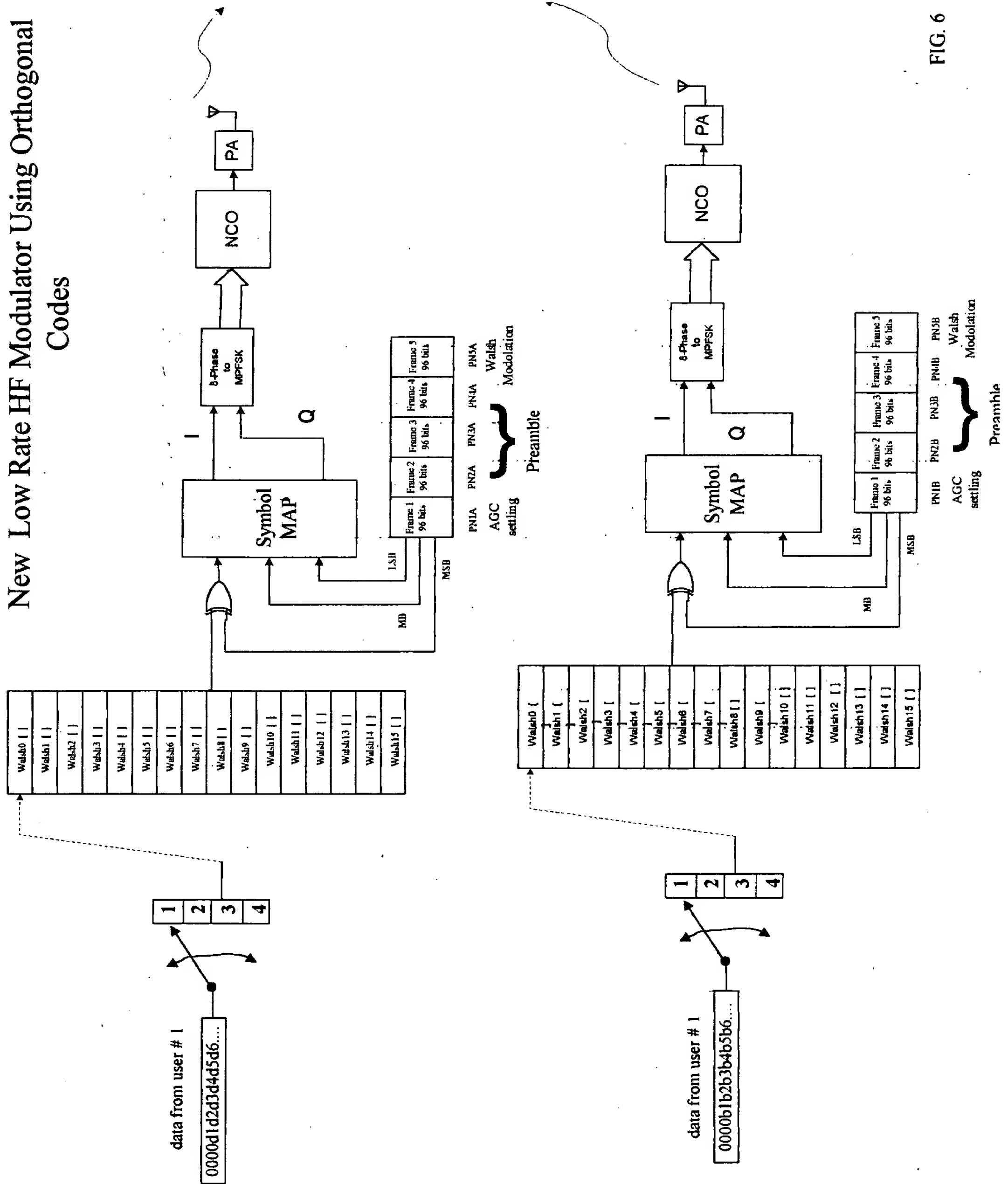


FIG. 6

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

# New Demodulator set to receive users of orthogonal code A

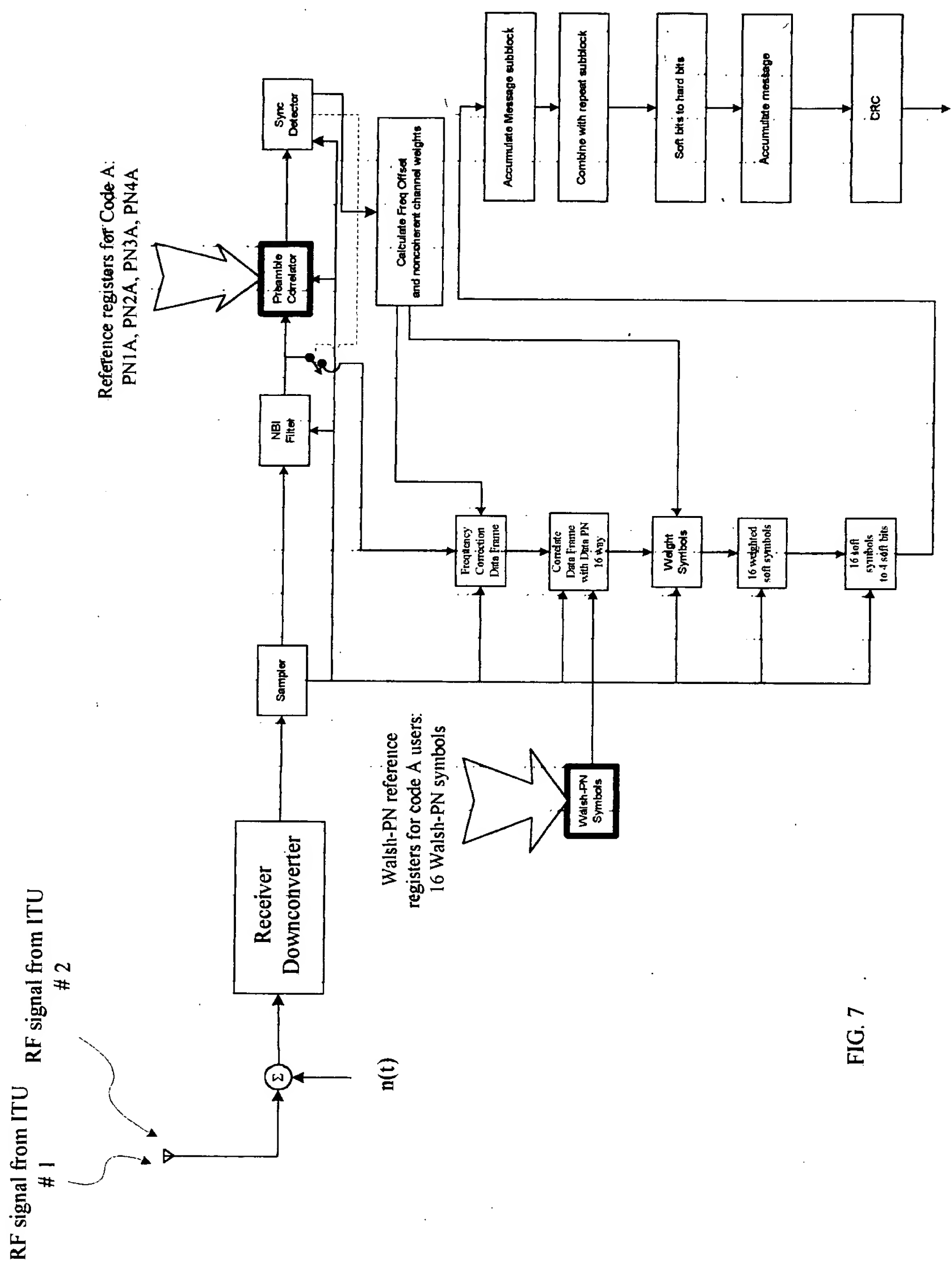


FIG. 7

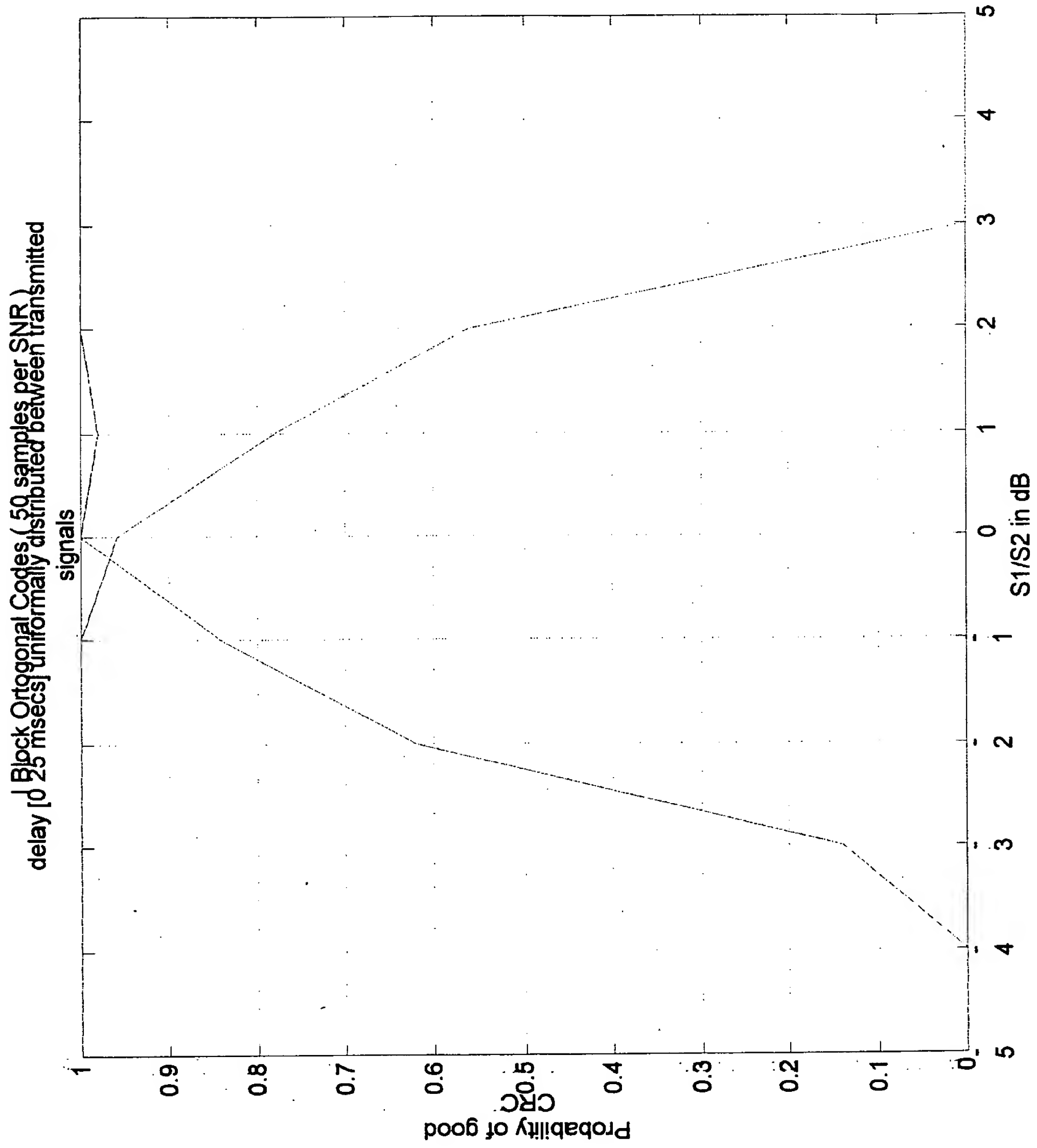


FIG. 8



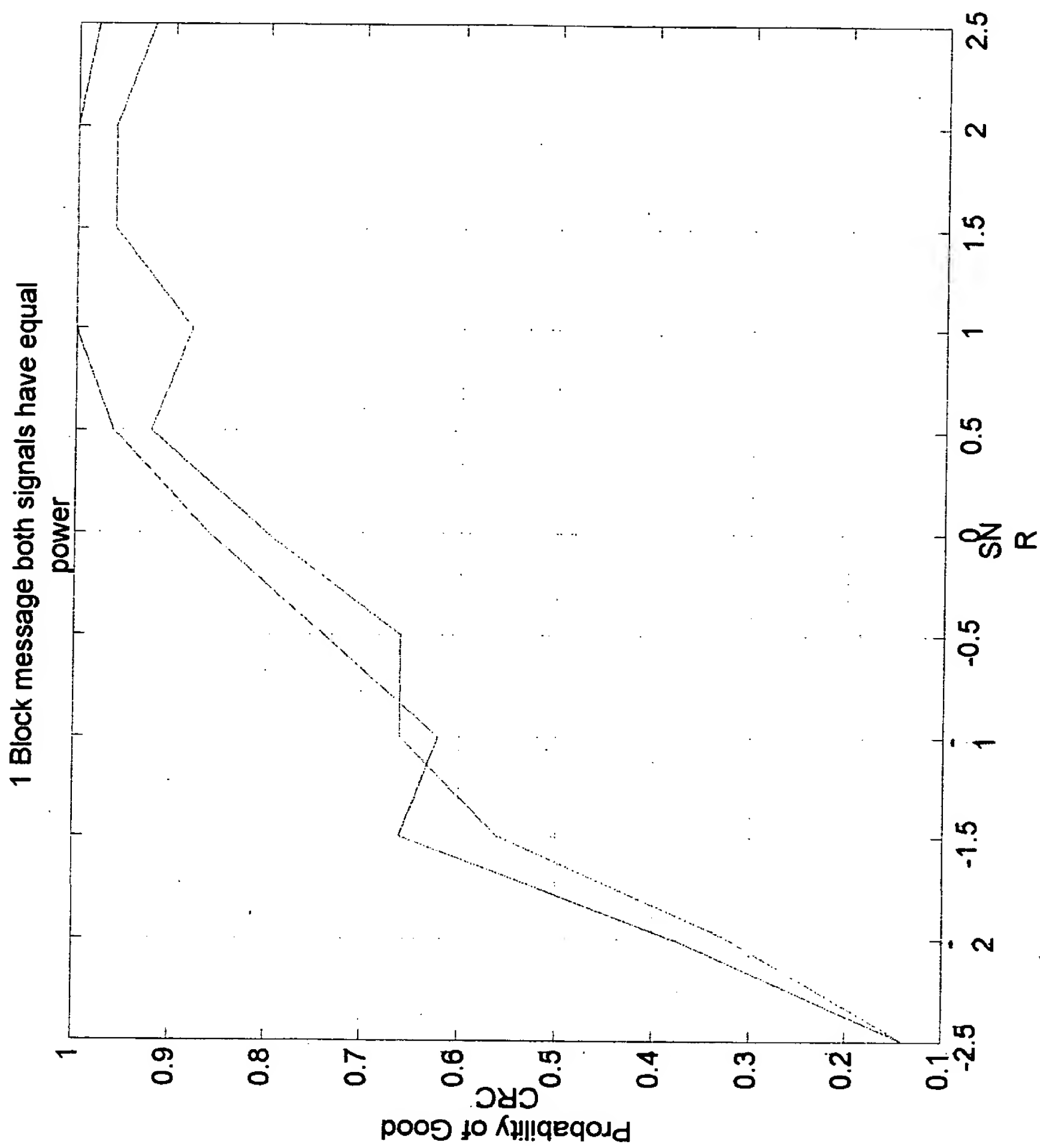


FIG. 9

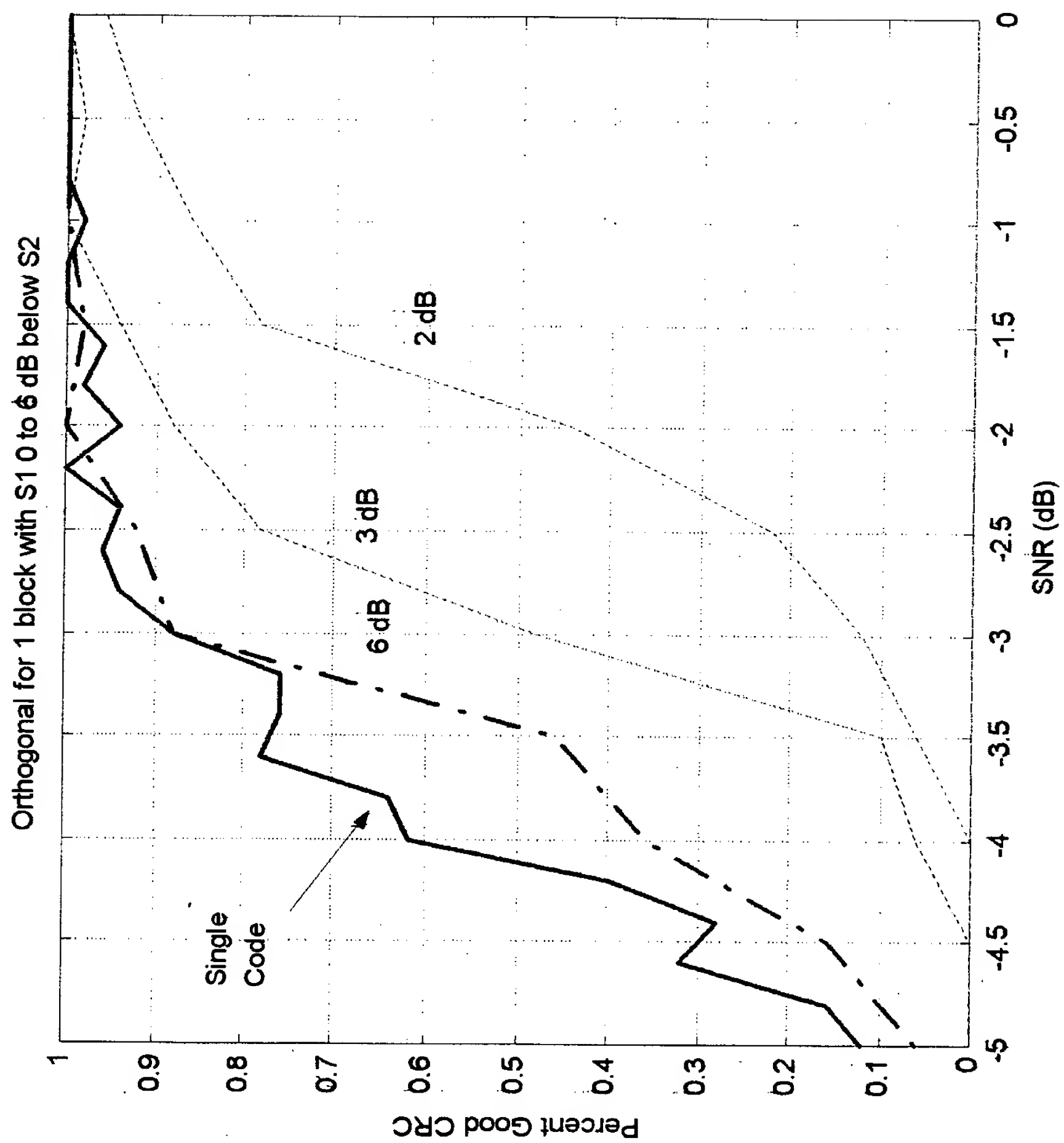


FIG. 10